



PRODUCT SPECIFICATION

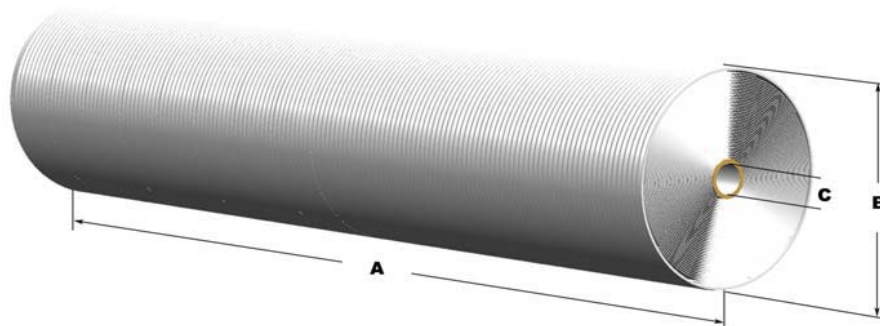
8" RO TurboClean® Sanitary Element

Model	Permeate Flow GPD (m3/day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® RO 8038-ACM2-46	7,500 (28.0)	99.5	98.5

* Performance is based on the following test conditions: 2,000 ppm NaCl, 225 psi, 77°F (25°C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +/- 15%.

OPERATIONAL AND DESIGN DATA

Membrane Type	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration	Spiral Wound, Sanitary Element
Active Membrane Area	290 ft ² (27 m ²)
Typical Applied Pressure	300 - 600 psi (20 - 41 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	122°F (50°C)
Feedwater pH Range	2 - 11 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	80 GPM (18 m3/hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing



Element Weight:	45 lbs. (20 kg)		
Length (A):	38.00" (965 mm)	Diameter (B): 7.9" (200 mm)	Permeate Tube (C): 1.12" (28.6 mm)
Permeate Tube:	FilmTec Style tube		
Feed Spacer:	0.046" thick diamond spacer		



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